

# PIMSER Mathematics Teaching and Learning Profile



# What is a Mathematics Teaching and Learning Profile?

- › A comprehensive process of reviewing the school's mathematics instructional program by collecting and analyzing multiple sources of data and providing recommendations for improvement.
- › Areas of focus during profiling process
  - Curriculum
  - Instruction
  - Assessment
  - School Climate
  - Professional Environment
  - Organization, Financial and Material Resources
  - Leadership
  - Family & Community Support

# What is a Mathematics Teaching and Learning Profile?

## Sources of Data

- › Online questionnaires for teachers and principals
- › Classroom observations during math instruction
- › Onsite interviews with principal, teachers, students and parents
- › Curricular and instructional materials used at the school and in the classroom
- › Assessment data

# What is a Mathematics Teaching and Learning Profile?

## Results & Recommendations

- › Reviewers compile all sources of data to identify commonalities and trends
- › Reviewers use rubric to score indicators for each standard
- › Recommendations for improvement are provided for each standard
- › Principal receives final rubric/report with copies of online questionnaires and summaries of interviews/observations

*All data is kept confidential; no teachers or individuals are singled out or identified*

## Needs and Logistics for Site Visit

### Prior to visit

- › Principal and teacher online surveys completed
- › Master schedule and enrollment of math classes provided to reviewers
- › Modified schedule of math classes for day of site visit (elementary only) provided to reviewers
- › Schedule of interviews (principal, teachers, students, parents)
- › School open/close times, phone numbers, directions and parking

# Needs and Logistics for Site Visit

## Day of visit

- › Classroom observations: teachers should be teaching regular lessons (no tests/videos)
- › Complete class pre-observation form to gather lesson content
- › Copies or electronic files of
  - curriculum guides
  - lesson plans
  - assessment data
  - communication materials
  - staff math PD information
  - teacher/class data
  - resource inventory(complete detailed list provided on website)

# Scheduling Profile and Contracting

## 1. Choose level of observation

- › All teachers in school observed (may require multiple days of site visits, cost will vary)
- › Sampling of teachers in school observed (reviewers will choose teachers from provided list of all math teaching staff)

## 2. Provide to PIMSER office

- › Selected level of observation
- › Possible dates for site visit

## Scheduling Profile and Contracting

### 3. PIMSER office arranges profile details

- › Identifies reviewers, verifies dates and time necessary for site visit
- › Determines profile cost
- › Presents contract to school/district

### 4. Profile Requirements

- › Principal completes action items to prepare for site visit



## MTLP Webpage Resources

### [Click here for the MTLP webpage](#)

This presentation (for re-viewing)

- › Profile Requirements document for principal – contains “to do” list to prepare for site visit
- › MTLP Informational Summary – contains information for parents, teachers to understand process
- › List of Standards
- › Contact information to schedule profile